



Optibatch



Precise Control
International Systems Integrators

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OPTIBATCH

For Control Measurement and Software Solutions in the Concrete Industry

OptiBatch has been under development by Automation & Electronics over the last five years with thorough testing within the concrete ready-mix industry.

The Automation & Electronics OPTIBATCH family can provide you with control, measurement and software management solutions for all concrete batching applications, from small loader feed plants, to the biggest multi lane and overhead bin fed plants.

Optibatch is a modular solution, based upon the two following components;
Optibatch Enterprise: which manages customers, products, pricing, orders, scheduling and fleet management.

Optibatch Control: which automates the batching process to include handling, weighing and delivery of both aggregate and cement & also water & additive metering.

Because Optibatch is a modular system it can be configured to interface with your existing management systems and controls, or installed as a complete turnkey solution for concrete batching plant management. It is designed so that more than one concrete company can cart out of the same batching plant, or a number of plants can be scheduled from one central location.

Optibatch is based on the Microsoft SQL Database with a web based front end interface. This allows management from any PC in the organisation by staff or sales personnel in the field. Administration of the system can take place from anywhere in the world over a secure VPN/SSL Internet connection.

Optibatch Enterprise & Control supports multiple monitors so that the batching operator can monitor plant schedule, batching progress & fleet movement screens simultaneously.

Optibatch is reliable, non proprietary, easy to maintain and fully tailored to your requirements.

Batching and production data is all archived, this information is then stored for quality control, audit and reporting purposes.

The Optibatch system is both secure, using a 5 level user password system and safe incorporating a dual channel E-Stop monitoring circuit as recommended by OHS.

Features

OPTIBATCH ENTERPRISE

- Web based interface
- Order Entry Page
- Today's Schedule Page
- Weekly Schedule Page
- Product Kitset Page
- Non Ready Mix Products
- Customer & Project Pricing Pages
- Production Reporting
- Fleet Management
- Flight Recorder

OPTIBATCH CONTROL

- Continuous or Manual Batching
- Aggregate Metering Control
- Cement Metering Control
- Additive Metering Timing
- Adaptive Gate Pulse Timing
- System Monitoring & Alarms
- Manual Override of Control
- Moisture Compensation
- Stock Control
- Docket Printing

ADDITIONAL MODULES

- Third Party GL Integration
- Third Party Manager Connector
- Third Party Controls Connector
- GPS Truck Tracking
- Slump Water Flow Recorder
- Truck Que Display
- Monitor Compensation Probes

Automation & Electronics - Company Overview

Our company started business in Tauranga back in May 1986, and has continued to grow and develop into the modern organisation that it is today. In 2001, we built our own premises in Mt Maunganui, especially designed to suit our operations. The new building features modern offices with a large workshop and assembly area to construct electrical and control panels.

We currently have around 18 staff working in the organisation, bringing various specialist skills to the company, including software writing, PLC design and programming, panel building, electrical switchboard design, technical writing, CAD drawing and electronics servicing.

The company has been certified ISO9002 for over nine years, and recently completed the accreditation to ISO9000:2000. We have comprehensive systems that ensure our processes are thorough and consistently delivered. Also included is an improvement identification procedure to ensure that we incorporate any enhancements into our equipment and service delivery.

We understand that the completion of projects to specified time, cost, quality and performance objectives are important to our customers. All staff are trained in Project Management processes to ensure that we identify, monitor and achieve our project objectives. Staff are also well trained in Health & Safety skills and procedures to ensure all projects are completed in a safe manner.

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